

PROCESS OIL 22N is a mid-viscosity naphthenic oil with excellent solvent power and very good low temperature properties suitable for use in the formulation of metalworking fluids and for use as a process oil.

Process Oil 22N offers excellent solvent power, despite low levels of polyromantic compounds, this allows it to dissolve high additive loads as well as to keep residues and sludge dissolved while in operation. The product is also characterised by having very good cooling properties whilst possessing excellent low temperature capabilities.

APPLICATION

For use in formulation of metalworking fluids and for use as a process oil or diluent for a wide range of industrial applications, such as the manufacture of rubber and polymer compounds.

BENEFITS

- Excellent solvency
- Good cooling and lubrication properties
- Enhanced low temperature performance
- Primary base oil for formulation of metalworking fluids

TYPICAL PROPERTIES

<u>PROPERTY</u>	<u>UNIT</u>	<u>TEST METHOD</u> <u>ASTM</u>	<u>SPECIFICATION LIMITS</u>		<u>TYPICAL DATA</u>
			<u>MIN</u>	<u>MAX</u>	
Density, 15°C	kg/dm3	D 4052	0.895	0.910	0.901
Viscosity, 40°C	mm ² /s (cSt)	D 445	20.5	25	22.5
Viscosity, 100°C	mm ² /s(cSt)	D 445			3.8
Viscosity, 100°F	SUS	D 2161			117
Flash Point, PM	°C	D 93A	164		175
Pour point	°C	D 97		-33	-33
Copper Strip, 3 hrs		D 130		1	1
Sulphur	%	D 2622			0.04
Aniline Point	°C	D 611	68	78	74
Refractive Index, 20 °C		D 1747			1.493
Colour		D 1500	2.0	3.0	2.5

HEALTH & SAFETY

PROCESS OIL 22N is unlikely to present any significant health or safety hazard when used as recommended by SAR Lubricants. Good standards of personal and industrial hygiene are to be maintained by the user (see Material Safety Data Sheets). In order to protect the environment, the product used should be safely disposed by a licensed contractor. The packaging material should be handled by a recognised reconditioning firm.

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